

Application/Control Number: 10/597,266

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Art Unit: 3725

Replace Abst. w/ following:
Abstract

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Coiling device (10) and relative coiling method for rolled or drawn long products, comprising a mandrel (11), arranged cantilevered and rotatable with respect to a central longitudinal axis (X), and on which the long products are wound in adjacent and superimposed spirals (33), in order to form a compact coil (31) having the geometric shape of a circular ring with lateral flanks substantially orthogonal, or very angled, with respect to the central longitudinal axis (X). The mandrel (11) comprises a flange (12) substantially orthogonal, or very angled, with respect to the central longitudinal axis (X) which defines a first lateral flank of the coil (31). The mandrel (11) also comprises first arm elements (13) which define the cylindrical surface of the core that forms the coil (31), and second arm elements (14), opposite the flange (12), which define a second flank of the coil. The first and the second arm elements (13, 14) are mobile between a first coil-forming position and a second coil-removal position.